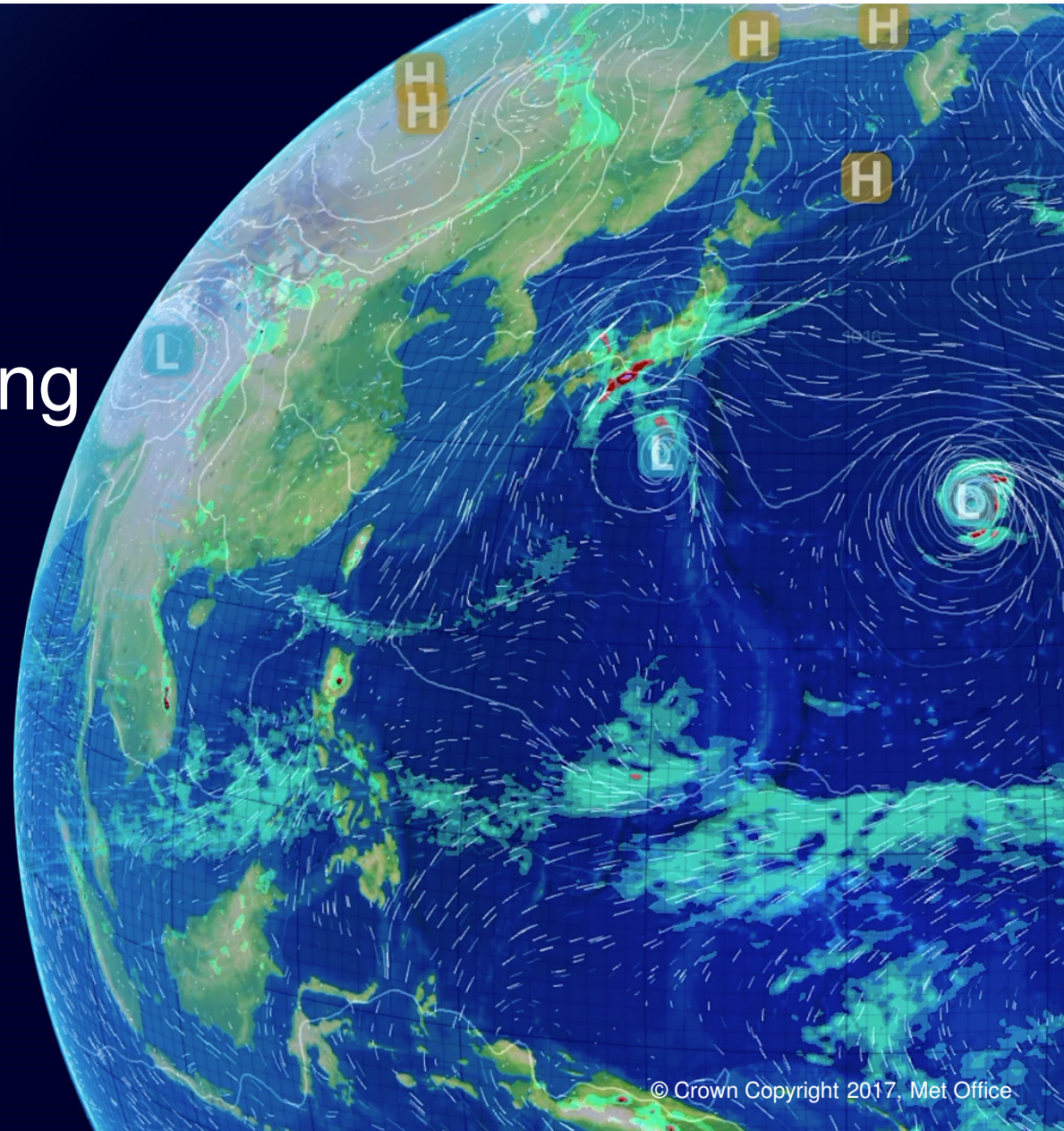


Extreme verification... ...relatively speaking

C Wilson, M Sharpe, C Bysouth, R Stretton

39th EWGLAM, 2-5 October 2017

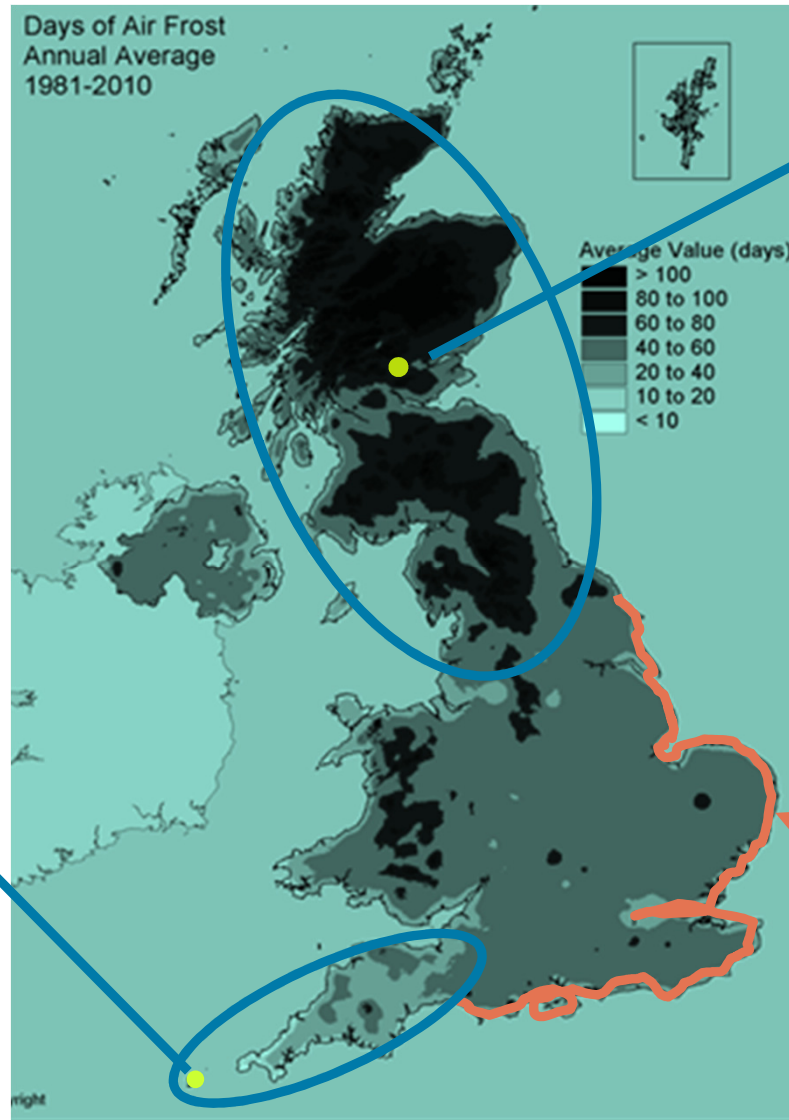


absolute-extremes
occur more frequently
in some places...
...and less frequently
in others

...whereas frosts on
Scilly are big news...

- burst pipes
- dead plants
- ill pets

...are all likely



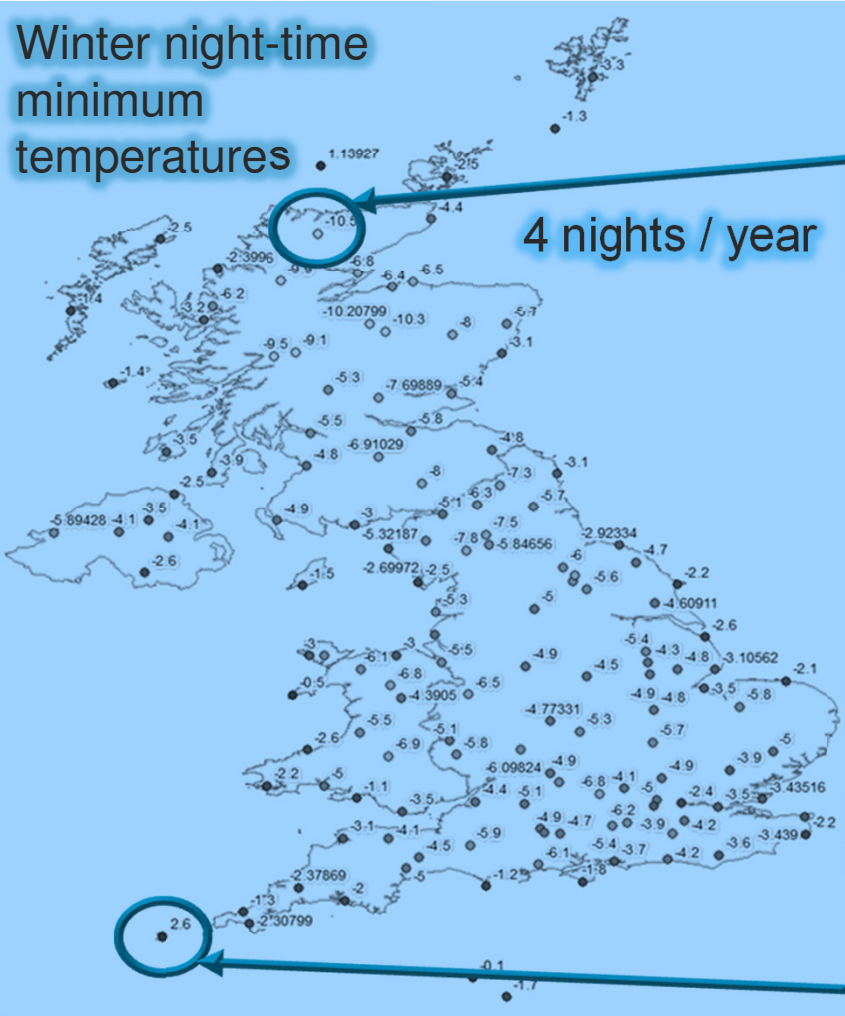
Frosts in Gleneagles
are common...
...so they have little
impact...

Performance
measures tend to be
dominated by cold
areas...

...but they are often
virtually unaffected by
the skill in warmer
areas

Met Office But *relative-extremes have the same base rate everywhere*

Winter night-time minimum temperatures



4 nights / year

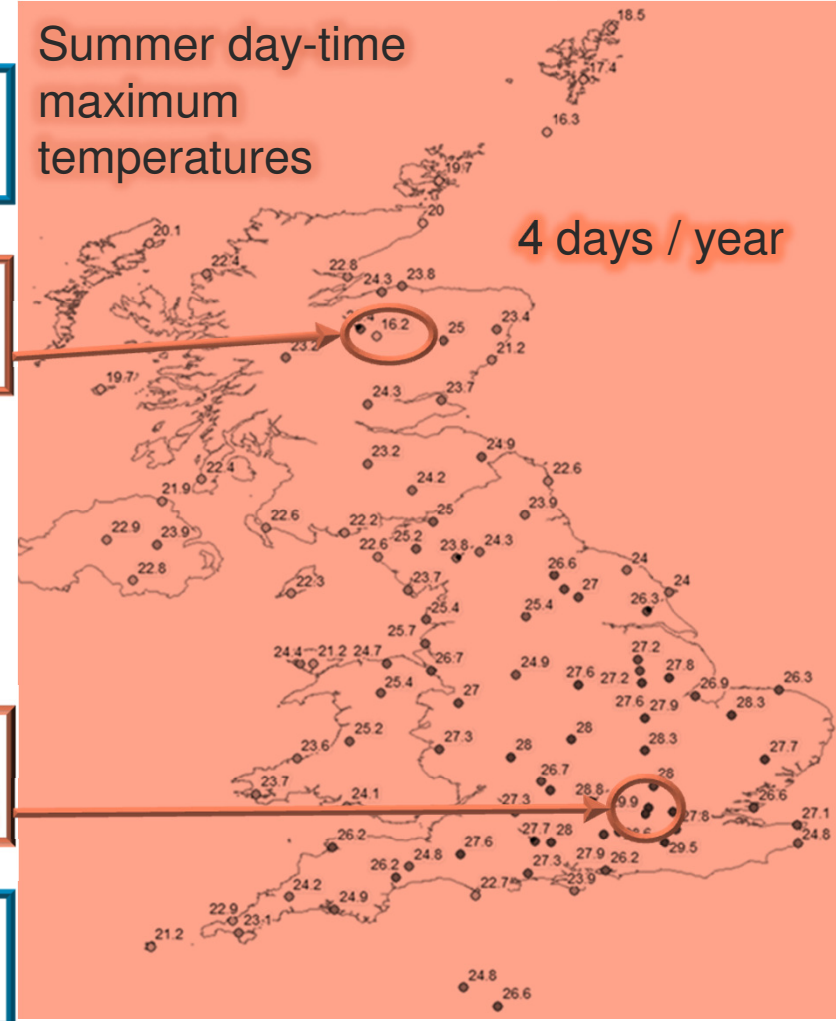
Minimum:
-10.5C Altnaharra

Minimum:
16.2C Cairngorms

Maximum:
29.9C St.James Park

Maximum:
2.6C Isles of Scilly

Summer day-time maximum temperatures



4 days / year

Question: How well does the Met Office multi-model ensemble predict these site-specific relative extremes?

To answer this forecasts have been verified using:

- SEDI
- twCRPSS
- CRPSS^{of}

And the answer is...

**COME ALONG AND
FIND OUT!!**